

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2005/001044

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C255/54 A61K31/277

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BERG, S. S. ET AL: "Chemotherapeutic amidines . X. Substituted 4,4'-diamidino- .omega.,.omega.-diphenoxylalkanes and -diphenyl ethers" XP002333841 retrieved from STN Database accession no. 1949:50548 abstract & JOURNAL OF THE CHEMICAL SOCIETY, ABSTRACTS, 1949, pages 642-648,</p> <p>-----</p> <p>-/-</p>	1,2

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search 29 June 2005	Date of mailing of the international search report 12/07/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Seufert, G

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2005/001044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KRATZL, K. ET AL: "Chemistry of vanillin and its derivatives. X. Amidines , imidazolines, and tetrahydropyrimidinediones with guaiacol substituents" XP002333842 retrieved from STN Database accession no. 1958:65868 abstract & MONATSHEFTE FUER CHEMIE, 88, 1957, pages 1056-1063, -----</p>	1,2
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; DAVIS, M.: "Search for chemotherapeutic amidines . XV. 2-Methoxy and 2-hydroxy derivatives of 1,5-bis(p-amidinophenoxy)pentane" XP002333843 retrieved from STN Database accession no. 1958:82447 abstract & JOURNAL OF THE CHEMICAL SOCIETY, ABSTRACTS, 1958, pages 907-908, -----</p>	1,2
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; FERRONI, R. ET AL: "Aromatic tetra- amidines : synthesis of halo-derivatives and their antiproteolytic activity" XP002333844 retrieved from STN Database accession no. 1985:91904 abstract & FARMACO, EDIZIONE SCIENTIFICA, vol. 39, no. 11, 1984, pages 901-909, -----</p>	1,2
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; LEZNOFF, CLIFFORD C. ET AL: "Metallophthalocyanine dimers incorporating five-atom covalent bridges" XP002333845 retrieved from STN Database accession no. 1985:447150 abstract & CANADIAN JOURNAL OF CHEMISTRY, vol. 63, no. 3, 1985, pages 623-31, -----</p>	1,2
	-/-	

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2005/001044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS 'Online!' CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US;</p> <p>WOEHRLE, DIETER ET AL: "Polymeric phthalocyanines and their precursors. 15. Syntheses of alkylenedioxy-bridged polymeric phthalocyanines and their absorption capacities for organic solvents in comparison to other phthalocyanines" XP002333846 retrieved from STN Database accession no. 1988:493734 abstract & MAKROMOLEKULARE CHEMIE, vol. 189, no. 6, 1988, pages 1229-38, ----</p>	1,2
X	<p>GERATZ, J. D. ET AL: "Diamidino-.alpha.,.omega.-diphenoxylalkane s. Structure-activity relations for the inhibition of thrombin, pancreatic kallikrein, and trypsin" JOURNAL OF MEDICINAL CHEMISTRY, vol. 16, no. 9, 1973, pages 970-975, XP002333840 table VI, compounds 27-30, 32-34, 37 ----</p>	1,2
X	<p>DATABASE CAPLUS 'Online!' CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US;</p> <p>CSOKAI, VIKTOR ET AL: "Microwave-assisted synthesis of phthalonitriles and phthalocyanines" XP002333847 retrieved from STN Database accession no. 2003:416216 abstract & SYNTHETIC COMMUNICATIONS, vol. 33, no. 10, 2003, pages 1615-1621, ----</p>	1,2
X	<p>DATABASE CAPLUS 'Online!' CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US;</p> <p>EASTMOND, G. C. ET AL: "Polyimides with main-chain ethylene oxide units: synthesis and properties" XP002333848 retrieved from STN Database accession no. 2002:264464 abstract & POLYMER, vol. 43, no. 12, 2002, pages 3455-3468, ----</p>	1,2
	-/--	

INTERNATIONAL SEARCH REPORT

Inte al Application No
PCT/IB2005/001044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ZHANG, YISHENG ET AL: "Tetranuclear, Hexanuclear, and Octanuclear Copper(II) Complexes of a Series of Novel Dendritic Poly(phthalazine) Ligands" XP002333849 retrieved from STN Database accession no. 1995:875232 abstract & INORGANIC CHEMISTRY, vol. 34, no. 23, 1995, pages 5870-5877, -----</p>	1,2
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KOBAYASHI, NAGAO ET AL: "Optically active phthalocyanines and their circular dichroism" XP002333850 retrieved from STN Database accession no. 1993:652129 abstract & JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 115, no. 23, 1993, pages 10994-10995, -----</p>	1,2
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KELLER, TEDDY M. ET AL: "Synthesis of phthalonitriles by nitro displacement" XP002333851 retrieved from STN Database accession no. 1981:442589 abstract & SYNTHESIS, no. 8, 1980, page 613, -----</p>	1,2
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; DANN, OTTO ET AL: "Syntheses of biscationic, trypanocidal 1-benzofuran compounds" XP002333852 retrieved from STN Database accession no. 1983:53580 abstract & LIEBIGS ANNALEN DER CHEMIE, no. 10, 1982, pages 1836-1836, -----</p>	1,2
		-/-

INTERNATIONAL SEARCH REPORT

Inte
al Application No
PCT/IB2005/001044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 397 387 A (LABORATOIRES SEROBIOLLOGIQUES SA) 9 February 1979 (1979-02-09) page 4, line 4 - line 10; claim 12; example III	1, 2
X	EP 0 601 977 A (CIBA-GEIGY AG) 15 June 1994 (1994-06-15) page 17, line 44 - page 18, line 8	1, 2
X	EP 0 080 371 A (TAKEDA CHEMICAL INDUSTRIES, LTD) 1 June 1983 (1983-06-01) reference examples 1, 2, 3; page 23, lines 8-9	1, 2
X	DE 23 01 541 A1 (MILES LABORATORIES INC., ELKHART, IND.) 6 September 1973 (1973-09-06) example 66	1, 2
X	WO 02/057215 A (ADVANCED MEDICINE, INC; CHOI, SEOK-KI; FATHEREE, PAUL, R; GREEN, DAVID) 25 July 2002 (2002-07-25) claims 18,44-49; example 29	1, 2, 7, 10-12
X	WO 98/33779 A (DONG WHA PHARM. IND. CO., LTD; SUH, HONG-SUK; RYU, JAE-HA; HAN, YONG-N) 6 August 1998 (1998-08-06) page 11, line 25 - page 12, line 20	1, 2
X	WO 2004/018386 A (MERCK & CO., INC; CUBE, ROWENA, V; PINKERTON, ANTHONY, B; VERNIER, JEA) 4 March 2004 (2004-03-04) page 27, line 24 - page 28, line 3	1, 2
A	WO 03/074473 A (THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION; DALTON, JAMES; MILLE) 12 September 2003 (2003-09-12) page 7, line 16 - page 8, line 5; claims; examples	1-12

INTERNATIONAL SEARCH REPORT

ational application No.
PCT/IB2005/001044

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 7 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

 Int'l Application No
 PCT/IB2005/001044

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
FR 2397387	A 09-02-1979	FR BE CH DE GB JP JP JP LU NL US	2397387 A1 853940 A1 605517 A5 2717515 A1 1555637 A 1375041 C 52131546 A 61043339 B 77192 A1 7704611 A ,B, 4263223 A	09-02-1979 26-10-1977 29-09-1978 10-11-1977 14-11-1979 22-04-1987 04-11-1977 26-09-1986 17-08-1977 31-10-1977 21-04-1981
EP 0601977	A 15-06-1994	US AT AU AU CA DE DE DK EP ES FI GR HU IL JP NO NZ PH ZA	5455274 A 148103 T 671683 B2 5218093 A 2110838 A1 69307669 D1 69307669 T2 601977 T3 0601977 A1 2096265 T3 935452 A 3022367 T3 65778 A2 107842 A 6263710 A 934483 A ,B, 250379 A 29931 A 9309193 A	03-10-1995 15-02-1997 05-09-1996 23-06-1994 10-06-1994 06-03-1997 13-11-1997 10-02-1997 15-06-1994 01-03-1997 10-06-1994 30-04-1997 28-07-1994 16-08-1998 20-09-1994 10-06-1994 21-12-1995 16-09-1996 09-06-1994
EP 0080371	A 01-06-1983	JP JP CA DE EP US US	59076038 A 58090568 A 1182119 A1 3262455 D1 0080371 A1 4567201 A 4672073 A	28-04-1984 30-05-1983 05-02-1985 28-03-1985 01-06-1983 28-01-1986 09-06-1987
DE 2301541	A1 06-09-1973	GB AR BE CA CH DK ES FR GB HU IL JP JP JP NL NO SE SU	1405253 A 194869 A1 793969 A1 1010883 A1 585702 A5 135349 B 410559 A1 2181667 A1 1405254 A 164946 B 41227 A 977876 C 48078171 A 54011310 B 7300408 A 138564 B 396387 B 469247 A3	10-09-1975 24-08-1973 02-05-1973 24-05-1977 15-03-1977 12-04-1977 01-05-1976 07-12-1973 10-09-1975 28-05-1974 31-08-1976 29-11-1979 20-10-1973 14-05-1979 17-07-1973 19-06-1978 19-09-1977 30-04-1975

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/IB2005/001044

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
DE 2301541	A1		US 3899513 A US 3953604 A ZA 7300058 A	12-08-1975 27-04-1976 31-10-1973
WO 02057215	A 25-07-2002	WO	02057215 A2	25-07-2002
		US	2003065013 A1	03-04-2003
		US	2005130966 A1	16-06-2005
		US	2004063760 A1	01-04-2004
WO 9833779	A 06-08-1998	CA CN EP JP JP WO US	2278190 A1 1244196 A 1019384 A1 3191943 B2 2000507971 T 9833779 A1 6150390 A	06-08-1998 09-02-2000 19-07-2000 23-07-2001 27-06-2000 06-08-1998 21-11-2000
WO 2004018386	A 04-03-2004	AU CA WO	2003262805 A1 2495756 A1 2004018386 A2	11-03-2004 04-03-2004 04-03-2004
WO 03074473	A 12-09-2003	AU CA WO EP US	2003214971 A1 2476651 A1 03074473 A2 1487783 A2 2004087810 A1	16-09-2003 12-09-2003 12-09-2003 22-12-2004 06-05-2004